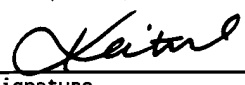


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|--|---|--|--|
| Form PTO-1390<br>(Rev. 02-2005)  |   | U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE | ATTORNEY'S DOCKET NUMBER<br>PIR-123                          |
| TRANSMITTAL LETTER TO THE UNITED STATES<br>DESIGNATED/ELECTED OFFICE (DO/EO/US)<br>CONCERNING A FILING UNDER 35 U.S.C. 371   |   |  | U.S. APPLICATION NO.<br>Not yet assigned<br><b>10/576297</b> |
| INTERNATIONAL APPLICATION NO.<br>PCT/IB2004/003433   | INTERNATIONAL FILING DATE<br>October 20, 2004 | PRIORITY DATE CLAIMED<br>October 20, 2003                  |  |
| TITLE OF INVENTION<br>METHOD AND A DEVICE FOR TREATING MICROPARTICLES  |   |  | DATE<br>April 19, 2006                                       |
| APPLICANT(S) FOR DO/EO/US<br>Matti KORPELA and Kenneth RUNDT   |   |  |  |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:  |   |  |  |
| <p>1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.</p> <p>3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</p> <p>4. <input type="checkbox"/> The US has been elected by the expiration of 19 months from the priority date (Article 31).</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))</p> <p>a. <input type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau).</p> <p>b. <input checked="" type="checkbox"/> has been communicated by the International Bureau.</p> <p>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</p> <p>6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). (43 pages and 20 sheets of drawings (Figs. 1-112)).</p> <p>a. <input checked="" type="checkbox"/> is attached hereto.</p> <p>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</p> <p>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))</p> <p>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</p> <p>b. <input checked="" type="checkbox"/> have been communicated by the International Bureau.</p> <p>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</p> <p>d. <input type="checkbox"/> have not been made and will not be made.</p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</p> <p>10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p> <p>Items 11 to 20 below concern document(s) or information included:</p> <p>11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input checked="" type="checkbox"/> A FIRST preliminary amendment.</p> <p>14. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment.</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input type="checkbox"/> A change of power of attorney and/or address letter.</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.</p> <p>18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</p> <p>20. <input checked="" type="checkbox"/> Other items or information:</p> <p>a. PCT/RO/101                      f. PCT/IB/308 (2<sup>nd</sup> Notice)</p> <p>b. PCT/ISA/210                    g. WO 2005/037439 (cover page)</p> <p>c. PCT/ISA/237</p> <p>d. PCT/IB/304</p> <p>e. PCT/IB/308 (1<sup>st</sup> Notice)</p> |   |  |  |

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| U.S. Application No.<br>Not yet assigned<br><b>10/576297</b>  |              | International Application No.<br>PCT/IB2004/003433 |   | Attorney's Docket No.<br>PIR-123 |              |
|   |              |  |   | CALCULATIONS                     | PTO USE ONLY |
| The following fees are submitted:   |              |  |   |                                  |              |
| 21. [XX] Basic National Stage Fee . . . . . \$300.00  |              |  |   | \$ 300.00                        |              |
| 22. [XX] Examination fee<br>If international preliminary examination report prepared by UPSTO and all claims<br>satisfy provisions of PCT Article 33(1)-(4) . . . . . \$100.00<br>All other situations . . . . . \$200.00   |              |  |   | \$ 200.00                        |              |
| 23. [XX] Search Fee<br>Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the<br>USPTO as an International Searching Authority . . . . . \$100.00<br>International Search Report prepared and provided to the Office . . . . . \$400.00<br>All other situations . . . . . \$500.00   |              |  |   | \$ 400.00                        |              |
| TOTAL OF 21, 22 AND 23 =  |              |  |   | \$ 900.00                        |              |
| Surcharge of \$130.00 for furnishing the oath or declaration later than [ ] 20 [ ] 30<br>months from the earliest claimed priority date (37 CFR 1.492(e)).  |              |  |   |                                  |              |
| National Stage Application Size Fee - If the specification and drawings exceed 100<br>sheets, the application size fee due is \$250.00 for each additional 50 sheets or<br>fraction thereof.  |              |  |   |                                  |              |
| CLAIMS  | NUMBER FILED | NUMBER EXTRA                                       | RATE  |                                  |              |
| Total claims  | 21 - 20      | 1  | x \$ 50.00  | \$ 50.00                         |              |
| Indep. claims   | 2 - 3        |  | x \$ 200.00   | \$ 0.00                          |              |
| Multiple dependent claim(s) (if applicable)   |              |  | + \$ 360.00   | \$ 0.00                          |              |
| TOTAL OF ABOVE CALCULATIONS =   |              |  |   | \$ 950.00                        |              |
| Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are<br>reduced by 1/2.  |              |  |   | \$ 0.00                          |              |
| SUB TOTAL =   |              |  |   | \$ 950.00                        |              |
| Processing fee \$130.00 for furnishing the English translation later than [ ] 20 [ ] 30<br>months from the earliest claimed priority date (37 CFR 1.492(f)).  |              |  |   | \$ 0.00                          |              |
| TOTAL NATIONAL FEE =  |              |  |   | \$ 950.00                        |              |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be<br>accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +   |              |  |   | \$ 0.00                          |              |
| TOTAL FEES ENCLOSED =   |              |  |   | \$ 950.00                        |              |
|   |              |  |   | Amount to be<br>refunded:        | \$           |
|   |              |  |   | charged                          | \$           |
| <p>a. [XX] Payment in the amount of <u>\$950.00</u> is authorized by credit card (PTO-2038).</p> <p>b. [ ] Check in the amount of <u>\$*.00</u> to cover the above fees is enclosed.</p> <p>c. [ ] Please charge my Deposit Account No. <u>111833</u> in the amount of \$_____ to cover the above fees.</p> <p>d. [XX] The Commissioner is hereby authorized to charge any additional fees which may be required, or credit<br/>any overpayment to Deposit Account No. <u>111833</u>.</p> <p>NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to review (37 CFR<br/>1.137(a) or (b) must be filed and granted to restore the application to pending status.</p> |              |  |   |                                  |              |
| SEND ALL CORRESPONDENCE TO:<br>KUBOVCIK & KUBOVCIK<br>The Farragut Building<br>Suite 710<br>900 17th Street, N.W.<br>Washington, D.C. 20006   |              |  | <p></p> <p>Signature<br/>Keiko Tanaka Kubovcik<br/>Name<br/>40,428<br/>Registration Number<br/>April 19, 2006<br/>Date</p> |                                  |              |

KTK/jbf